

IN THE CLAIMS:

Please amend claim 1, 11, 16 and 17 to read as follows:

1. (Currently Amended) A bioadhesive, film-forming composition for application to mammalian skin, said composition comprising, a homogeneous dispersion of:

a) from about 0.3% to about 10% by weight of the total composition, of a graft Copolymer, comprising a hydrophilic polymer main chain comprising monomeric units, some of which have acidic groups, and a hydrophobic polymeric side chain comprising polystyrene;

b) from about 0 to about 75% of water soluble polymer by weight, based on the combined weights of the water soluble polymer and the graft Copolymer;

in

~~said composition further being comprised of~~

c) one or more hydrophilic or hydrophobic carriers or a mixture of the same; and

whereby said composition ~~forming~~ forms a hydrophilic but water insoluble bioadherent polymeric film ~~on~~ upon application to the skin.

2. (Original) The film-forming composition of Claim 1, wherein said composition comprises from about 0.3 to about 5% by weight of the graft Copolymer.

3. (Original) The composition of Claim 1, comprising from about 0.3% Copolymer to about 3% Copolymer.

4. (Original) The composition of Claim 1, as a solution, emulsion, dispersion, lotion, cream, film, or petrolatum or wax based preparation.

5. (Original) The film-forming composition of Claim 1, wherein said composition is a non-aqueous formulation.

6. (Original) The film-forming composition of Claim 1, further comprising a biologically active agent.

7. (Original) The film-forming composition of Claim 4, further comprising a biologically active agent.

8. (Original) A method of treatment of mammalian skin comprising applying to the said skin, an effective amount of a composition of Claim 1.

9. (Withdrawn) A skin moisturizer comprising the aqueous formulation of Claim 1.

10. (Original) The method of claim 8, wherein the method of applying the composition is selected from the group consisting of a spray, a roll-on, immersion, dipping, applying by brush, or spattering.

11. (Currently Amended) A stable gel, comprising the ~~homogenized formulation~~ an aqueous homogeneous dispersion of:

a) from about 0.3% to about 10% by weight of the total composition, of a graft Copolymer, comprising a hydrophilic polymer main chain comprising monomeric units, some of which have acidic groups, and a hydrophobic polymeric side chain comprising polystyrene;

b) from about 0 to about 75% water soluble polymer by weight, based on the combined weights of the water soluble polymer and the graft copolymer Copolymer;

~~in water in an aqueous formulation~~

whereby said composition ~~forming~~ forms a hydrophilic but water-insoluble bioadherent polymeric film ~~on~~ upon application to the skin.

12. (Withdrawn) A foam stabilizer, comprising the composition of Claim 1.

13. (Withdrawn) A detergent comprising the foam stabilizer of Claim 12.

14. (Withdrawn) A shampoo comprising the foam stabilizer of Claim 12.

15. (Withdrawn) A hair conditioner comprising the composition of Claim 1.

16. (Currently Amended) A method of treatment of mammalian skin, comprising a transdermal, sustained release of a biologically active agent from the bioadhesive, film-forming composition comprising, a homogeneous dispersion of

a) from about 0.3% to about 10% by weight of the total composition, of a graft Copolymer, comprising a hydrophilic polymer main chain comprising monomeric units, some of which

have acidic groups, and a hydrophobic polymeric side chain comprising polystyrene;

b) from about 0 to about 75% of water soluble polymer by weight, based on the combined weights of the water soluble polymer and the graft copolymer Copolymer; and

c) an effective amount of the biologically active agent;

in

~~said composition further being comprised of~~

d) one or more hydrophilic or hydrophobic carrier or a mixture of the same and;

whereby said composition ~~forming~~ forms a hydrophilic but water insoluble bioadherent polymeric film upon application to the skin.

17. (Currently Amended) A method of systemic treatment of mammal tissue, comprising a transdermal, sustained release of an active agent from the bioadhesive, film-forming composition comprising, a homogeneous dispersion of:

a) from about 0.3% to about 10% by weight of the total composition, of a graft Copolymer, comprising a hydrophilic polymer main chain comprising monomeric units, some of which

have acidic groups, and a hydrophobic polymeric side chain comprising polystyrene;

b) from about 0 to about 75% of water soluble polymer by weight, based on the combined weights of the water soluble polymer and the graft copolymer Copolymer; and

c) an effective amount of the biologically active agent;

in

~~said composition further being comprised of~~

d) one or more hydrophilic or hydrophobic carrier or a mixture of the same; and

whereby said composition ~~forming~~ forms a hydrophilic but water insoluble bioadherent polymeric film upon application to the skin.

18. (Original) A face make up, comprising the composition of Claim 1.

19. (Withdrawn) A lipstick comprising the composition of Claim 1.

20. (Withdrawn) A mascara comprising the composition of Claim 1.